

## CLAIMS

What is claimed to be new and desired to be protected by Letters Patent is set forth in the appended claims.

I claim:

1. An exhaust header for an internal combustion engine, comprising:
  - a) a flange for attachment of the exhaust header to the engine, said flange having first and second sides wherein said first side is disposed contiguous to said engine;
  - b) a plurality of conduits having first and second ends wherein each of said first ends are connected to said second side of said flange and each of said second ends extend away from the engine; and,
  - c) a plurality of fins disposed in a spaced apart relationship about the periphery of each of said conduits wherein said fins extend radially from said conduits and longitudinally from substantially said first end to substantially said second end of said conduits to permit heat to be dissipated away from the exhaust header.
2. The exhaust header of Claim 1, wherein each of said fins is substantially perpendicular to each of said conduits.

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3. The exhaust header of Claim 2, further comprising a collector for receiving each of said second ends of said conduits therein, wherein said collector forms a cylindrical sleeve about said conduits for attachment to an exhaust system.

4. The exhaust header of Claim 3, further comprising a collector flange disposed about said collector, said collector flange having a plurality of bolt holes therein, said bolt holes for receiving a bolt for attachment of said collector to an exhaust system.

5. The exhaust header of Claim 4, wherein said collector is sized to receive four of said conduits therein to permit the collector to be used with an exhaust header for use with four cylinders of an engine.

6. The exhaust header of Claim 5, wherein said fins are extruded to permit the fins to be easily manufactured.

7. The exhaust header of Claim 6, wherein said collector is about three inches in diameter for receiving a plurality of conduits.

8. The exhaust header of Claim 7, wherein the height of said fins taper toward said first and second ends of said conduits to permit said first and second ends to be easily joined to other components.

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9. The exhaust header of Claim 8, wherein said fins have breaks therein, wherein said breaks in said fins are spaced apart longitudinally along said fins.

10. The exhaust header of Claim 9, wherein said fins are welded onto said conduits to permit the fins to be secured to the conduits.

11. The exhaust header of Claim 9, wherein said fins are reduced in height in the bends of said conduit.

12. The exhaust header of Claim 11, wherein said conduits further comprise joints disposed therein between sections of said conduits, wherein said fins taper toward said joints to permit the joints to be easily joined together.